

# Wall Bracing Design Guidelines and Designations Requirements for Building Plan Submissions 2006 VRC Section 602.10

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# How do we build now?



- › Typically, Wood Structural Panel Exterior Sheathing (Plywood or O.S.B.) has been used for most types of Residential Construction.

# How will the 2006 Wall Bracing Requirements change the way we build?



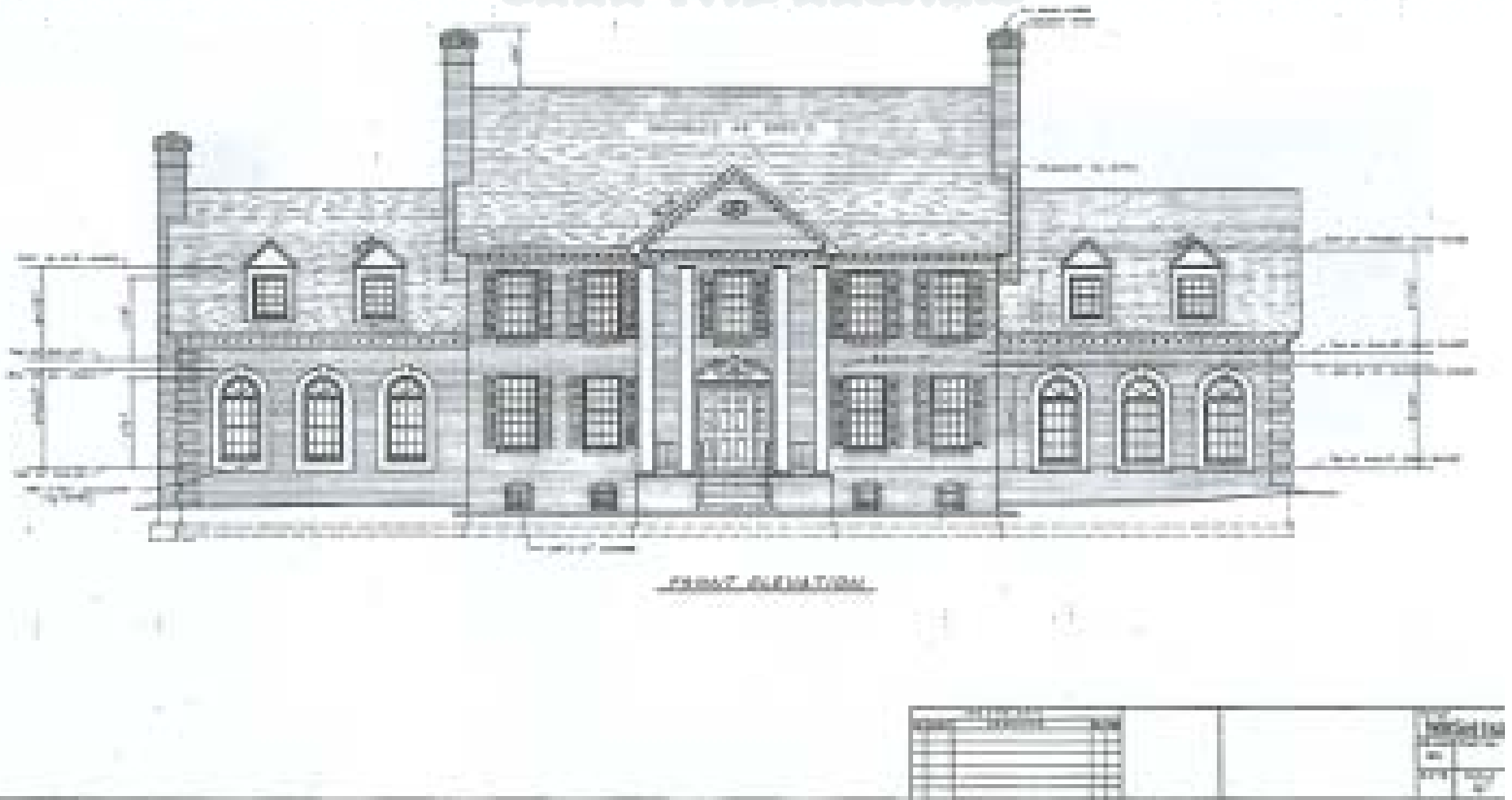
For Portal Frame Designs, Headers must be relocated from over the opening, to the top of the wall (at the Top Plate).

Splices must be in designated locations for portal frame designs.

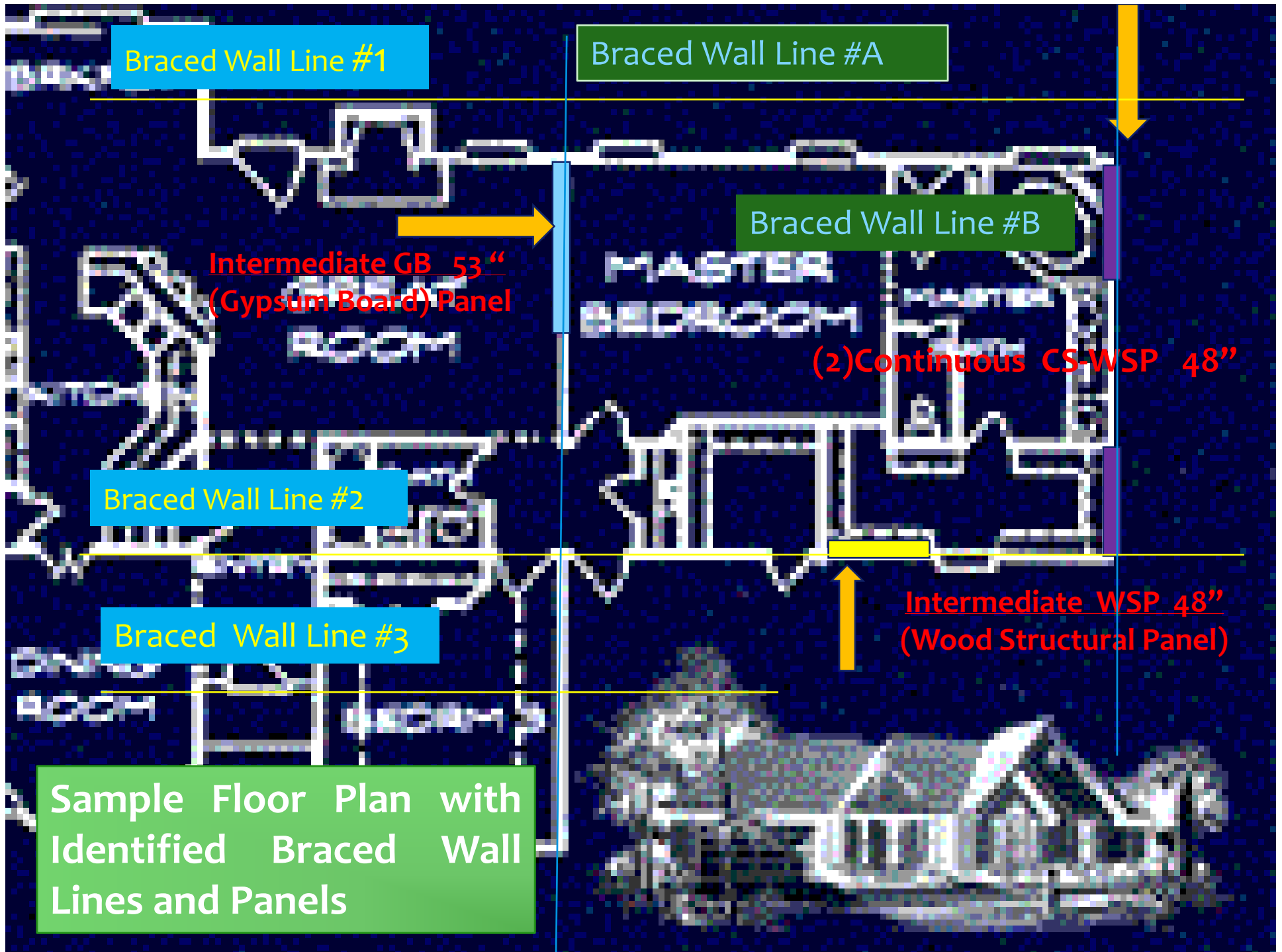
For Portal Frame Designs, Headers must extend past the opening to the prescribed height in Section 602.10

› **All Criteria** within a designated Braced Wall Panel must be “prescriptively” followed. This includes anchor bolts, straps, hold downs, and interior and exterior nailing patterns.

Braced Wall Panels  
**must be designated on Building Plans.**  
2006 VRC 602.10.2







# Permit Issuance Changes

For all permits issued starting May 1, 2009  
(new houses, additions, and alterations):

***(2) Copies of Plans will be required to be:***

***Submitted And Approved,***

***Prior To Permit Issuance.***

# Inspections Required

Prior to concealment(s), fasteners within ALL “Designated” Braced Wall Panels **Mandate** inspection.

(This includes both, exterior and interior panels that are identified and/or designated on the plans)



# Additional Resources

If you desire additional information on wall bracing, a power point is present for download at the following website [www.vbcoa.org](http://www.vbcoa.org). The entire 2006 VA USBC is also available at this site for downloading.

**Note: If you have a copy of the 2006 International Residential Code, Section 602.10 is *Invalid!!***

This entire section (and other sections as amended in the 2006 VA USBC) are to be compliant with the Virginia Technical Amendments that are present in the 2006 VA USBC (also known as the 2006 Virginia Construction Code).